

FIGURE 1

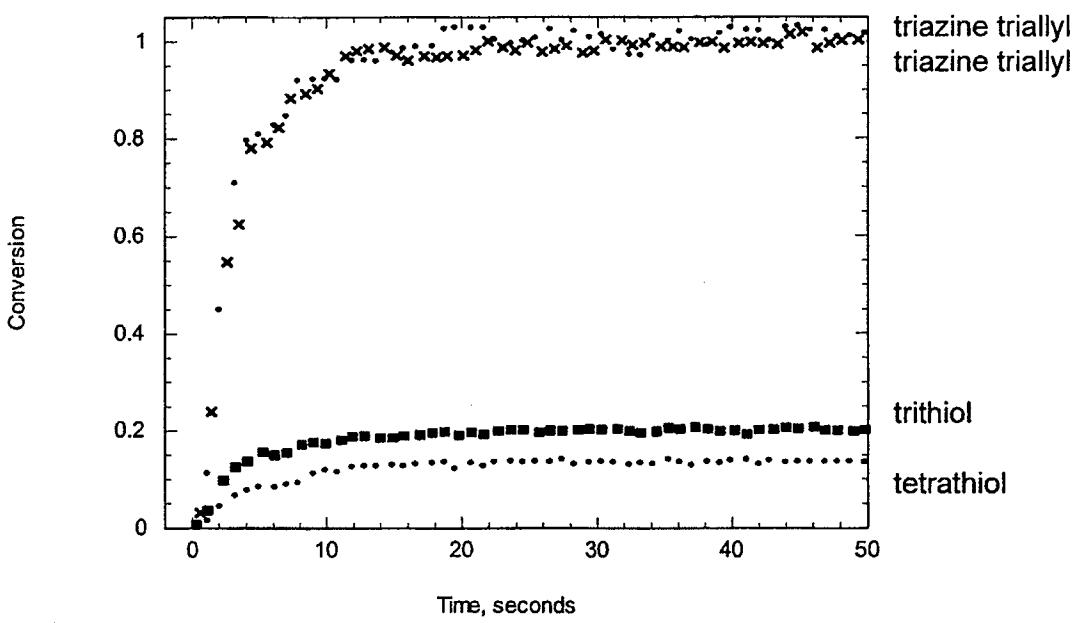


FIGURE 2

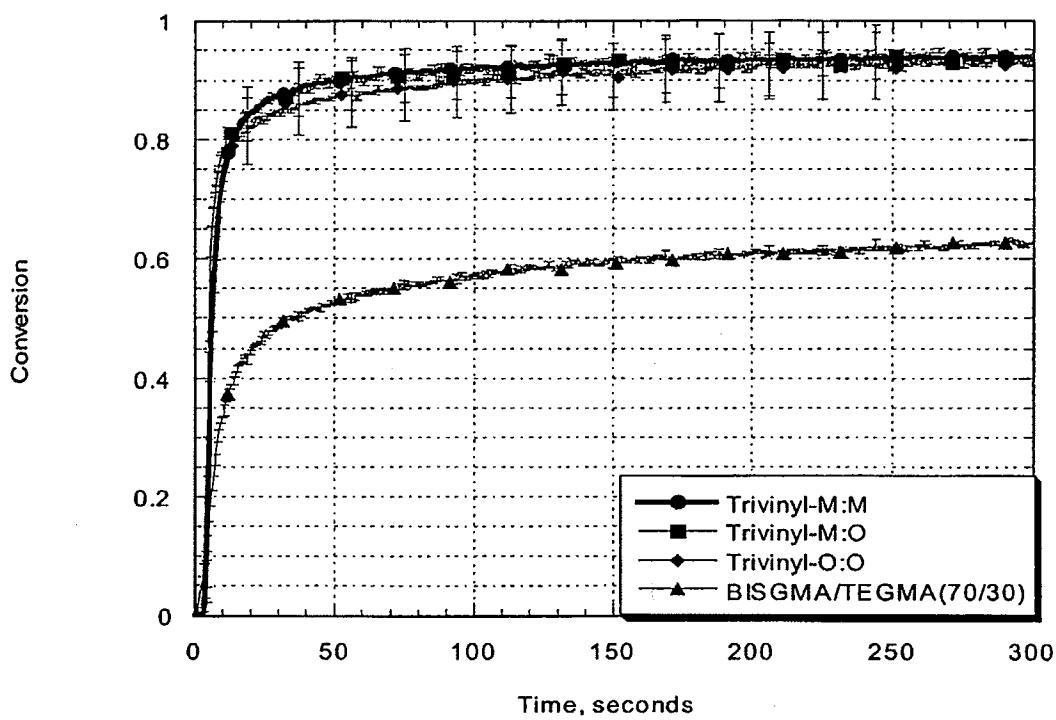


FIGURE 3

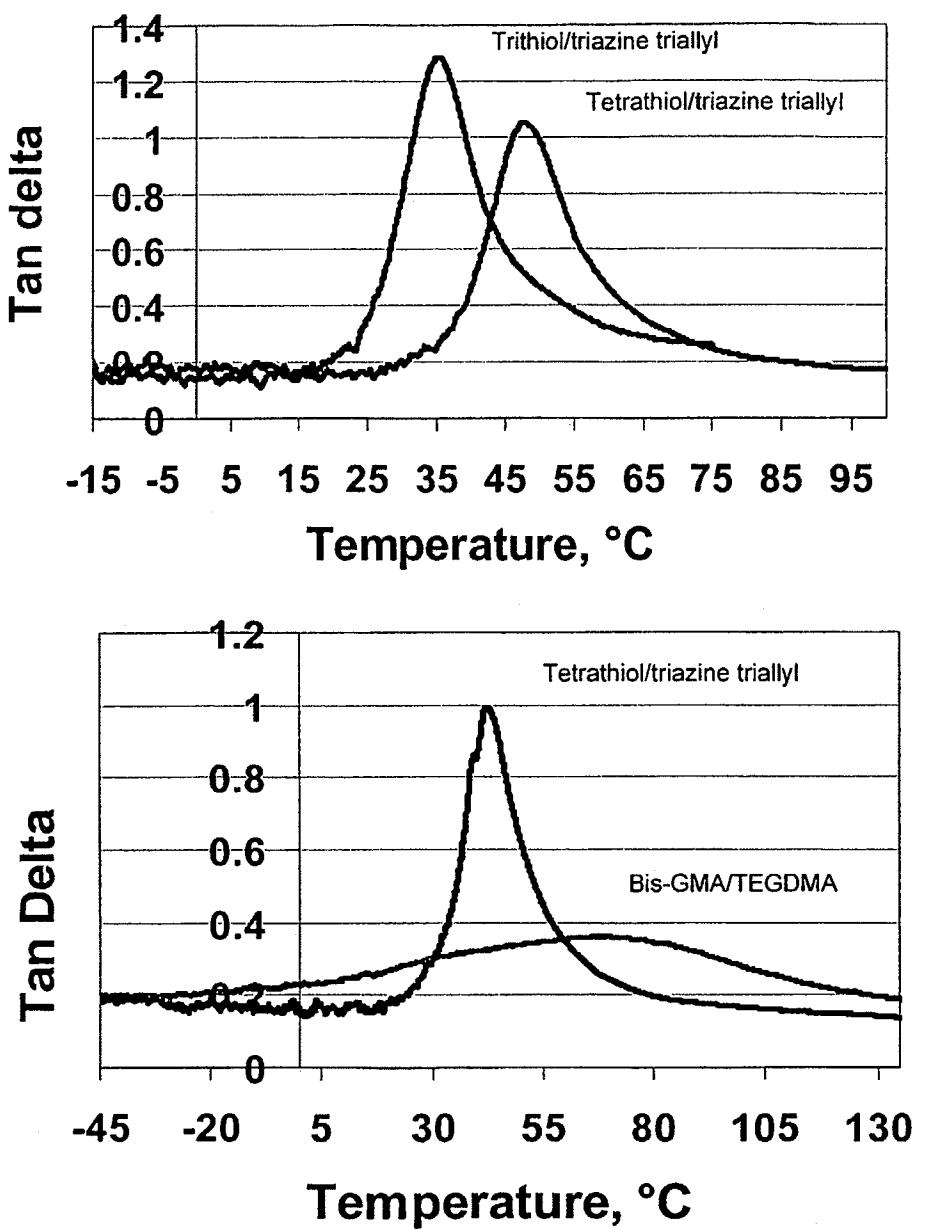


FIGURE 4

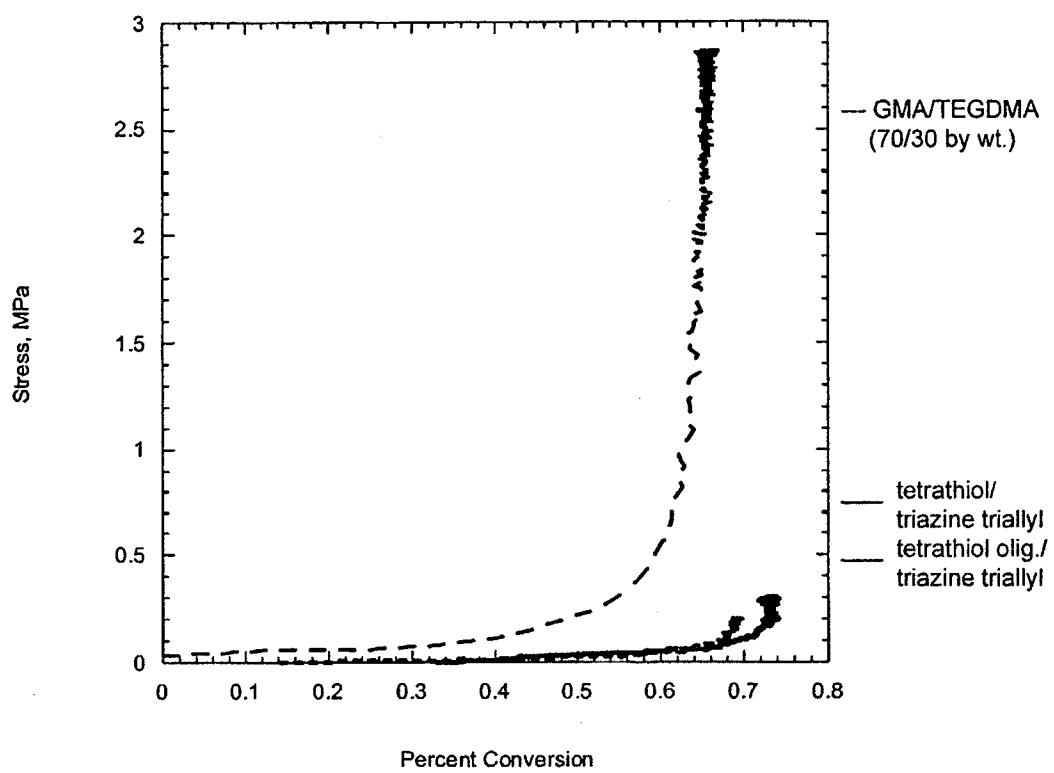


FIGURE 5

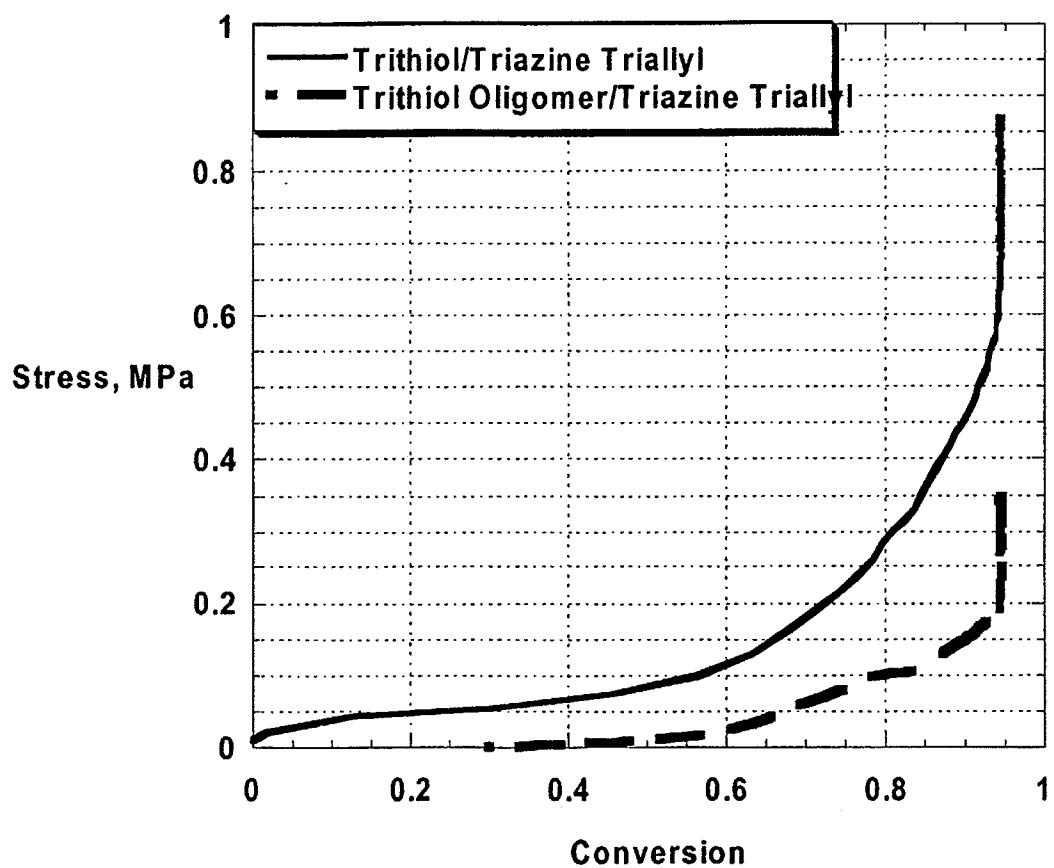


FIGURE 6

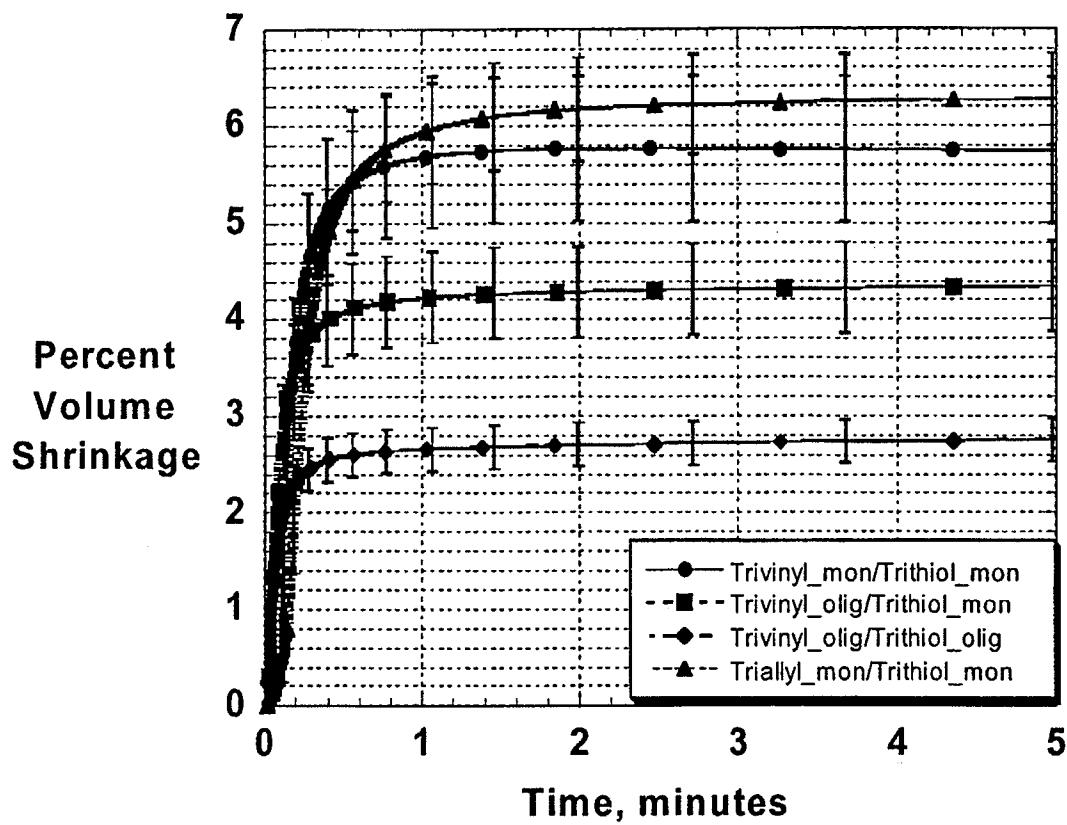


FIGURE 7

ene monomer	thiol monomer	thiol conversion	ene conversion
triallyl O-triallyl	trithiol	95.2 ± 2.7	97.6 ± 2.9
	trithiol	87.3 ± 2.7	94.5 ± 1.8
trivinyl O-trivinyl O-trivinyl	trithiol	96.6 ± 1.5	93.8 ± 0.8
	trithiol	95.7 ± 5.8	95.1 ± 4.5
	O-trithiol	81.3 ± 0.4	85.8 ± 5.6
triazine triallyl triazine triallyl	trithiol	81.4 ± 1.6	95.5 ± 0.8
	O-trithiol	86.1 ± 1.4	84.5 ± 2.20
triazine triallyl triazine triallyl	tetrathiol	74.2 ± 1.1	88.9 ± 2.1
	O-tetrathiol		

FIGURE 8A

ene monomer	thiol monomer	Percent Volume Shrinkage
triallyl	trithiol	6.53 ± 0.58
trivinyl O-trivinyl	trithiol	5.71 ± 0.75
	trithiol O-trithiol	4.02 ± 0.18 2.53 ± 0.40
triazine triallyl triazine triallyl	trithiol	7.2 ± 0.16
	O-trithiol	3.33 ± 0.62
triazine triallyl triazine triallyl	tetrathiol	6.07 ± 0.58
	O-tetrathiol	2.76 ± 0.41

FIGURE 8B

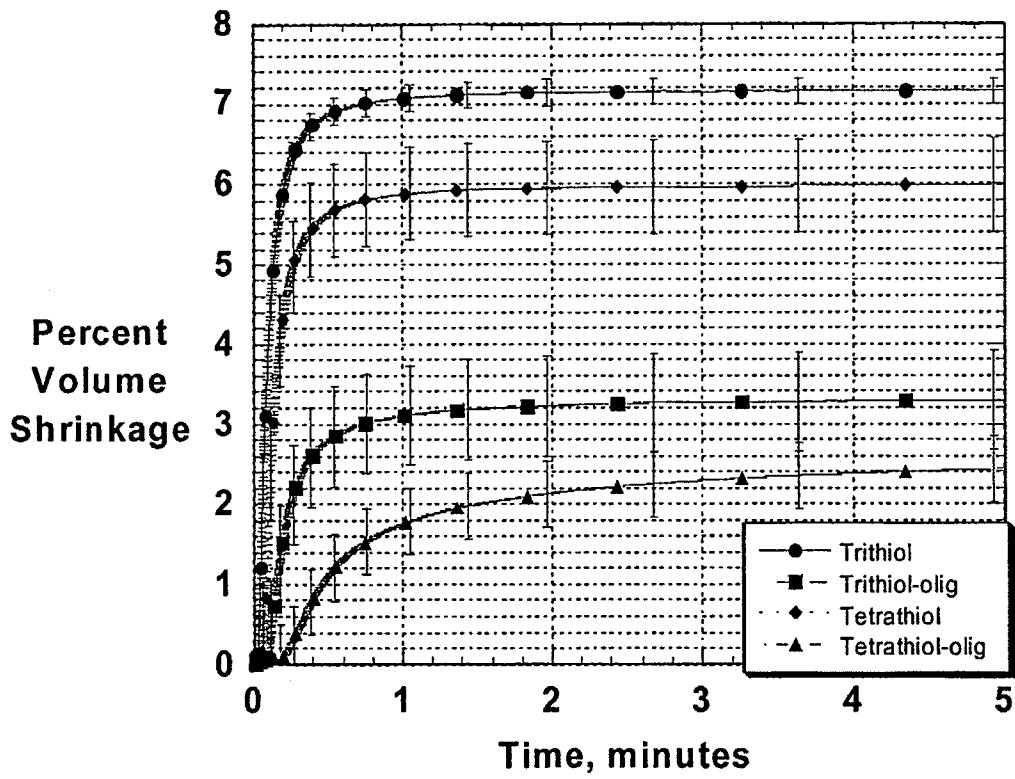


FIGURE 9